

Augmented Reality Traffic Control Center

Abstract of the Invention

In an exemplary embodiment, an augmented reality system for traffic control combines data from a plurality of sensors to display, in real time, information about traffic control objects, such as airplanes. The sensors collect data, such as infrared, ultraviolet, and acoustic data. The collected data is weather-independent due to the combination of different sensors. The traffic control objects and their associated data are then displayed visually to the controller regardless of external viewing conditions. The system also responds to the controller's physical gestures or voice commands to select a particular traffic control object for close-up observation or to open a communication channel with the particular traffic control object.

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